

McGarry

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/077,817A

1635 #14
CRF Processing Date: 11/15/99
Edited by: AC
Verified by: AC (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other ENTERED
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;
☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: Seqs 5 and 6 - inserted hard returns at end
and moved amino acids to left

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/077,817A

DATE: 11/16/1999
TIME: 19:31:51

Input Set: I077817A.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

1 <110> APPLICANT: Caput, Daniel
2 Ferrara, Pascual
3 Laurent, Patrick
4 Vita, Natalio
5 <120> TITLE OF INVENTION: IL-13 RECEPTOR
6 <130> FILE REFERENCE: IVD924
7 <140> CURRENT APPLICATION NUMBER: US/09/077,817A
8 <141> CURRENT FILING DATE: 1998-09-14
9 <150> EARLIER APPLICATION NUMBER: PCT/FR96/01756
10 <151> EARLIER FILING DATE: 1996-11-07
11 <160> NUMBER OF SEQ ID NOS: 15
12 <170> SOFTWARE: PatentIn Ver. 2.0
13 <210> SEQ ID NO 1
14 <211> LENGTH: 1539
15 <212> TYPE: DNA
16 <213> ORGANISM: Homo sapiens
17 <400> SEQUENCE: 1

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44 <210> SEQ ID NO 2

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RAW SEQUENCE LISTING
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Input Set: I077817A.RAW

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52 20 25 30
53 Asn Pro Pro Gln Asp Phe Glu Ile Val Asp Pro Gly Tyr Leu Gly Tyr
54 35 40 45
55 Leu Tyr Leu Gln Trp Gln Pro Pro Leu Ser Leu Asp His Phe Lys Glu
56 50 55 60
57 Cys Thr Val Glu Tyr Glu Leu Lys Tyr Arg Asn Ile Gly Ser Glu Thr
58 65 70 75 80
59 Trp Lys Thr Ile Ile Thr Lys Asn Leu His Tyr Lys Asp Gly Phe Asp
60 85 90 95
61 Leu Asn Lys Gly Ile Glu Ala Lys Ile His Thr Leu Leu Pro Trp Gln
62 100 105 110
63 Cys Thr Asn Gly Ser Glu Val Gln Ser Ser Trp Ala Glu Thr Thr Tyr
64 115 120 125
65 Trp Ile Ser Pro Gln Gly Ile Pro Glu Thr Lys Val Gln Asp Met Asp
66 130 135 140
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68 145 150 155 160
69 Ile Gly Val Leu Leu Asp Thr Asn Tyr Asn Leu Phe Tyr Trp Tyr Glu
70 165 170 175
71 Gly Leu Asp His Ala Leu Gln Cys Val Asp Tyr Ile Lys Ala Asp Gly
72 180 185 190
73 Gln Asn Ile Gly Cys Arg Phe Pro Tyr Leu Glu Ala Ser Asp Tyr Lys
74 195 200 205
75 Asp Phe Tyr Ile Cys Val Asn Gly Ser Ser Glu Asn Lys Pro Ile Arg
76 210 215 220
77 Ser Ser Tyr Phe Thr Phe Gln Leu Gln Asn Ile Val Lys Pro Leu Pro
78 225 230 235 240
79 Pro Val Tyr Leu Thr Phe Thr Arg Glu Ser Ser Cys Glu Ile Lys Leu
80 245 250 255
81 Lys Trp Ser Ile Pro Leu Gly Pro Ile Pro Ala Arg Cys Phe Asp Tyr
82 260 265 270
83 Glu Ile Glu Ile Arg Glu Asp Asp Thr Thr Leu Val Thr Ala Thr Val
84 275 280 285
85 Glu Asn Glu Thr Tyr Thr Leu Lys Thr Thr Asn Glu Thr Arg Gln Leu
86 290 295 300
87 Cys Phe Val Val Arg Ser Lys Val Asn Ile Tyr Cys Ser Asp Asp Gly
88 305 310 315 320
89 Ile Trp Ser Glu Trp Ser Asp Lys Gln Cys Trp Glu Gly Glu Asp Leu
90 325 330 335
91 Ser Lys Lys Thr Leu Leu Arg Phe Trp Leu Pro Phe Gly Phe Ile Leu
92 340 345 350
93 Ile Leu Val Ile Phe Val Thr Gly Leu Leu Leu Arg Lys Pro Asn Thr
94 355 360 365

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100     <213> ORGANISM: Homo sapiens
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169 <210> SEQ ID NO 4

170 <211> LENGTH: 427

171 <212> TYPE: PRT

172 <213> ORGANISM: Homo sapiens

173 <400> SEQUENCE: 4

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179      35          40          45
180      Ile Trp Thr Trp Asn Pro Pro Glu Gly Ala Ser Ser Asn Cys Ser Leu
181      50          55          60
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183      65          70          75          80
184      Glu Thr Arg Arg Ser Ile Glu Val Pro Leu Asn Glu Arg Ile Cys Leu
185      85          90          95
186      Gln Val Gly Ser Gln Cys Ser Thr Asn Glu Ser Glu Lys Pro Ser Ile
187      100         105         110
188      Leu Val Glu Lys Cys Ile Ser Pro Pro Glu Gly Asp Pro Glu Ser Ala
189      115         120         125
190      Val Thr Glu Leu Gln Cys Ile Trp His Asn Leu Ser Tyr Met Lys Cys
191      130         135         140
192      Ser Trp Leu Pro Gly Arg Asn Thr Ser Pro Asp Thr Asn Tyr Thr Leu
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194      Tyr Tyr Trp His Arg Ser Leu Glu Lys Ile His Gln Cys Glu Asn Ile

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Input Set: I077817A.RAW

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200      Asn Ala Gly Lys Ile Lys Pro Ser Phe Asn Ile Val Pro Leu Thr Ser
201          210          215          220
202      Arg Val Lys Pro Asp Pro Pro His Ile Lys Asn Leu Ser Phe His Asn
203      225          230          235          240
204      Asp Asp Leu Tyr Val Gln Trp Glu Asn Pro Gln Asn Phe Ile Ser Arg
205          245          250          255
206      Cys Leu Phe Tyr Glu Val Glu Val Asn Asn Ser Gln Thr Glu Thr His
207          260          265          270
208      Asn Val Phe Tyr Val Gln Glu Ala Lys Cys Glu Asn Pro Glu Phe Glu
209          275          280          285
210      Arg Asn Val Glu Asn Thr Ser Cys Phe Met Val Pro Gly Val Leu Pro
211          290          295          300
212      Asp Thr Leu Asn Thr Val Arg Ile Arg Val Lys Thr Asn Lys Leu Cys
213      305          310          315          320
214      Tyr Glu Asp Asp Lys Leu Trp Ser Asn Trp Ser Gln Glu Met Ser Ile
215          325          330          335
216      Gly Lys Lys Arg Asn Ser Thr Leu Tyr Ile Thr Met Leu Leu Ile Val
217          340          345          350
218      Pro Val Ile Val Ala Gly Ala Ile Ile Val Leu Leu Leu Tyr Leu Lys
219          355          360          365
220      Arg Leu Lys Ile Ile Ile Phe Pro Pro Ile Pro Asp Pro Gly Lys Ile
221          370          375          380
222      Phe Lys Glu Met Phe Gly Asp Gln Asn Asp Asp Thr Leu His Trp Lys
223      385          390          395          400
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229      <211> LENGTH: 420
230      <212> TYPE: PRT
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236          20          25          30
237      Pro Val Asn Phe Thr Ile Lys Val Thr Gly Leu Ala Gln Val Leu Leu
238          35          40          45
239      Gln Trp Lys Pro Asn Pro Asp Gln Glu Gln Arg Asn Val Asn Leu Glu
240          50          55          60
241      Tyr Gln Val Lys Ile Asn Ala Pro Lys Glu Asp Asp Tyr Glu Thr Arg
242          65          70          75          80
243      Ile Thr Glu Ser Lys Cys Val Thr Ile Leu His Lys Gly Phe Ser Ala
          85          90          95

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.



Input Set: I077817A.RAW

Line	Error/Warning	Original Text
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19	W Line data has been corrected	ATTCGTTTGC TTGGCTATCG GATGCTTATA TACCTTTC
20	W Line data has been corrected	TACAAGCTTT TGCACCTTCAT CTTAGACAC CGAGATAA
21	W Line data has been corrected	TGAGATAGTG GATTATGAAG AGAACCCGGA TACTTAGG
22	W Line data has been corrected	CCCCCACTGT CTCTGGATCA TTTTGTGTTG TGAAAGGA
23	W Line data has been corrected	AAATACCGAA ACATTGGTAG TGAAACATGG AAGGCTAG
24	W Line data has been corrected	AAGAATCTAC ATTACAAAGA TGGGTTTGAT CTTAACAA
25	W Line data has been corrected	GAAGATACAC ACGCTTTTAC CATGGCAATG CACAAATG
26	W Line data has been corrected	TTGCTAGGAG TGGGCAGAAA CTACTTATTG GATATCAC
27	W Line data has been corrected	AGTTCAGGAT TAAGTTTGG GTAGAATGGA TTGCGTAT
28	W Line data has been corrected	CTGTTCTTGG AAACCTGGCA TAGGTACAT TATGTCTG
29	W Line data has been corrected	AACTTGTTTT ACTGGTATGA GGGCTTGGAT CATGCATT
30	W Line data has been corrected	TTGATTACAT CAAGGCTGAT GGACAAAATA TAGGATGC
31	W Line data has been corrected	AGGAGCAGTG AGGCATCAGA CTATAAAGAT TTCTATAT
32	W Line data has been corrected	AACAAGCCTG AAATATCAAG GAATCAGATC CAGTTATT
33	W Line data has been corrected	AGTTAAACCT TTGCCGCCAG TCAGTTGGAA ATATCTTA
34	W Line data has been corrected	TGAAATTAAAG CTGAAATGGA GCATACCTTT GTTTAGGC
35	W Line data has been corrected	TTTTGATTAT GAAATTGAGA TCAGAGAAGA TGATACTA
36	W Line data has been corrected	GTGACTGCTA CAGTTGAAAA TGAAACATAC ACCTTGAA
37	W Line data has been corrected	ATAGAGTTTT TAGTAGCAAT TATGCTTTGT AGTAAGAA
38	W Line data has been corrected	AGATGACGGA ATTTGGGCAA AGAATCAAGT AGTGAGTG
39	W Line data has been corrected	GGTGAAGACC TATCGAAGAA AACTTTGCTA GTAGCTGG
40	W Line data has been corrected	GTTTCATCTT AATATTAGTT ATATTTGTAA CCGGTCTG
41	W Line data has been corrected	AAACACCTAC CCAAAAATGA TTCCAGAATT TTTCTGTG
42	W Line data has been corrected	TTTCCATATC AAGAGACATG GTATTGACTC AACAGTTT
43	W Line data has been corrected	TATGAGTCTC AATAAACTGA ATTTTTCTTG CGAATGTT
102	W Line data has been corrected	TCAGCCCGGC CGGGCTCCGA GGCGAGAGGC TGCATGGA
103	W Line data has been corrected	CTGTGGGCGC TGCTGCTCTG CGCCGGCGGC GGGGGCGG
104	W Line data has been corrected	GAAACTCAGC CACCTGTGAC AAATTTGAGT GTCTCTGT
105	W Line data has been corrected	TGGACATGGA ATCCACCCGA GGGAGCCAGC TCAAATTG
106	W Line data has been corrected	TTTGGCGACA AACAAGATAA GAAAATAGCT CCGGAAAC
107	W Line data has been corrected	CTGAATGAGA GGATTTGTCT GCAAGTGGGG TCCCAGTG
108	W Line data has been corrected	CCTAGCATTT TGGTTGAAAA ATGCATCTCA CCCCAGA
109	W Line data has been corrected	ACTGAGCTTC AATGCATTTG GCACAACCTG AGCTACAT
110	W Line data has been corrected	AGGAATACCA GTCCCGACAC TAACTATACT CTCTACTA
111	W Line data has been corrected	ATTCATCAAT GTGAAAACAT CTTTAGAGAA GGCCAATA
112	W Line data has been corrected	ACCAAAGTGA AGGATTCCAG TTTTGAACAA CACAGTGT
113	W Line data has been corrected	GCAGGAAAAA TTAAACCATC CTTCAATATA GTGCCTTT
114	W Line data has been corrected	CCTCCACATA TAAAAACCT CTCCTTCCAC AATGATGA
115	W Line data has been corrected	CCACAGAATT TTATTAGCAG ATGCCATTTT TATGAAGT
116	W Line data has been corrected	GAGACACATA ATGTTTTCTA CGTCCAAGAG GCTAAATG
117	W Line data has been corrected	AATGTGGAGA ATACATCTTG TTTTATGGTC CCTGGTGT
118	W Line data has been corrected	GTCAGAATAA GAGTCAAAAC AAATAAGTTA TGCTATGA
119	W Line data has been corrected	TGGAGCCAAG AAATGAGTAT AGGTAAGAAG CGCAATTC
120	W Line data has been corrected	CTCATGTTC CAGTCATCGT CGCAGGTGCA ATCATAGT
121	W Line data has been corrected	CTCAAGATTA TTATATCCC TCCAATTCCT GATCCTGG
122	W Line data has been corrected	GGAGACCAGA ATGATGATAC TCTGCACTGG AAGAAGTA
123	W Line data has been corrected	AAGGAGGAAA CCGACTCTGT AGTGCTGATA GAAAACCT
124	W Line data has been corrected	AGATAATTTA TTTTACCTT CACTGTGACC TTGAGAAG
125	W Line data has been corrected	TATCTGGGAA CTTATTAAAT GGAAACTGAA ACTACTGC

Input Set: I077817A.RAW

Line	Error/Warning	Original Text
126	W Line data has been corrected	ATAAGAGCCA CAGGTCTTTA TGTTGAGTCG CGCACCGA
127	W Line data has been corrected	TTGGAGAAGA GTGTGGAGTC ATTCTCATTG AATTATAA
128	W Line data has been corrected	GGGACAAAGC AAAAAGTGAT GATAGTGGTG GAGTTAAT
129	W Line data has been corrected	TCCTGAGGGA TCTATACTTG CTTTGTGTTT TTTGTGTC
130	W Line data has been corrected	AGGGGAACCTC ATTTGGGGTG CAAATGCTAA TGTCAAAC
131	W Line data has been corrected	AAAACAAAAT GGATAAAATC TGATATGTAT TGTTTGGG
132	W Line data has been corrected	GCTATTAAAA CTCTTTTAAC AGTCTGGGCT GGGTCCGG
133	W Line data has been corrected	CAATTTGGGA GTCCGAGGCG GGCGGATCAC TCGAGGTC
134	W Line data has been corrected	CAAAATGGTG AAACCTCCTC TCTACTAAAA CTACAAAA
135	W Line data has been corrected	TGCCTGTAAT CCCAGCTACT CGGGAAGCTG AGGCAGGT
136	W Line data has been corrected	GGAGGTTGCA GTGAGCAGAG ATCACACCAC TGCCTCT
137	W Line data has been corrected	TCTGTCTAAA AAACAAAACA AAACAAAACA AAACAAAA
138	W Line data has been corrected	CATCATTTCC TTCGACAGCA TTTTCTCTTG CTTTGAAA
139	W Line data has been corrected	ATGATGACAA CTACAGAAAA ACCAGAGGCA GCTTCTTT
140	W Line data has been corrected	TTAGGCTGTT AGGGGCAGTG GAGGTAGAAT GACTCCTT
141	W Line data has been corrected	AAGTCTCTAA CAATGTATTT TCTTCACCTC TGCTACTC
142	W Line data has been corrected	GGTTTGTGCT AGGCCCCCGG GTGTGAAGCA CAGACCCC
143	W Line data has been corrected	TGAGACTCCT CAGTTCTTGC CACTTTTTTT TTTAATCT
144	W Line data has been corrected	TTTAACTCCT CAATTCCAAC ACTGATTTCC CTTTTTGC
145	W Line data has been corrected	GTAGCCTTTT GACTTTTCATT GGAAATTAGG ATGTAAAT
146	W Line data has been corrected	CAGAGGATAA TTAGCATCTC AGGTAAAGTG TGAGTAAT
147	W Line data has been corrected	TGCATATTTT GTAACCTCCA TGTGAGGGTT TTCAGCAT
148	W Line data has been corrected	CAGAGATGAG GTGGTATCTT CACGTAGAAC ATTGGTAT
149	W Line data has been corrected	TTGAACCTAT TTCTCTTTCT TTACAAGATG GGTCCAGG
150	W Line data has been corrected	ATGATTAATT AAATAGCTTT TGTGTCTTAC ATTGGTAG
151	W Line data has been corrected	ATGCTTTTGG GGGGCATATA TTGGGTTCCTA TTCTCACC
152	W Line data has been corrected	ATATCCCCTC TACTCTTACT TCCCCCAAAT TTAAAGAA
153	W Line data has been corrected	CCCCCACCCC ATTTCTCTCC TCACACACAG ACTCATAT
154	W Line data has been corrected	TTATTTCCAA GTTGTTCAAA CATTTACCAA TCATATTA
155	W Line data has been corrected	TCCTGCTCCT AGGGGAGGGG AGATAAGAAA CCCTCACT
156	W Line data has been corrected	GGCAACCTGC TTCCATGGCC GTGTAGAAGC ATGGTGCC
157	W Line data has been corrected	GGTTCATGAC AATGGCAGAT GTAAAGTTAT TCTTGAAG
158	W Line data has been corrected	CCGTAGTAGA TGTTCTACTT TGTTCTGCTG TTCTCTAG
159	W Line data has been corrected	ATAGGAATGA GATTAATTCC TTTCCAGGTA TTTTATAA
160	W Line data has been corrected	CTCCCCCTAG CCATTTTTTAC TGTTATCCTA TTTAGATG
161	W Line data has been corrected	ATTCCCAACA AACATTGATG CTGACAGTCA TGCAGTCT
162	W Line data has been corrected	GTTCCCATCC TCTTCTTTTA GCAGTAAAT AGCTGAGG
163	W Line data has been corrected	TATGGGAATA CCTGTGGTGG TTGTGATCCC TAGGTCTT
164	W Line data has been corrected	ATCAGTGGAT TTCCCATCCC CTGTGGGAAA TTAGTAGG
165	W Line data has been corrected	GCCTATGTGG ATTTTTTCCT AACATACCTA AGCAAACC
166	W Line data has been corrected	ATTCTTTCGT TCAGTTAAGT TTTTCCCTTC ATCTGGGC
167	W Line data has been corrected	TGTTAACATT TTTGGTAGTC TTCAACCAGG GATTGTTT
168	W Line data has been corrected	GCTTGAGTAA AATAAATATT GTCTTTTTTGT ATGTCACC
352	W Line data has been corrected	AGAGGAATTA CCCCTGGATG 20
360	W Line data has been corrected	TCAAGGAGCT GCTTCTTCA 20
368	W Line data has been corrected	GATCCACTTC CCAAGAACAG A 21
376	W Line data has been corrected	GATCCGGGCC CTTTTTTTTT TTT 23
448	W "N" or "Xaa" used: Feature required	Trp Ser Xaa Trp Ser
457	W Line data has been corrected	AATAAA 6
465	W Line data has been corrected	AAAAAAAAAA AAAGGGCCCC 20

Input Set: I077817A.RAW

Line	Original Text	Corrected Data
18	GGTGCCTGTC GGC GGGGAGA GAGGCAATAT CAAGGTTT	ggtgcctgtc ggcggggaga gaggcaatat caaggttt
19	ATTCGTTTGC TTGGCTATCG GATGCTTATA TACCTTTC	attcgtttgc ttggctatcg gatgcttata tacctttc
20	TACAAGCTTT TGCAC TTCAT CTTCAGACAC CGAGATAA	tacaagcttt tgcacttcat cttcagacac cgagataa
21	TGAGATAGTG GATTATGAAG AGAACCCGGA TACTTAGG	tgagatagtg gattatgaag agaaccgga tacttagg
22	CCCCACTGT CTCTGGATCA TTTTGTGTTG TGAAAGGA	ccccactgt ctctggatca ttttgtgttg tgaaagga
23	AAATACCGAA ACATTGGTAG TGAAACATGG AAGGCTAG	aaataccgaa acattggtag tgaaacatgg aaggctag
24	AAGAATCTAC ATTACAAAGA TGGGTTTGAT CTTAACAA	aagaatctac attacaaaga tgggtttgat ctttaacaa
25	GAAGATACAC ACGCTTTTAC CATGGCAATG CACAAATG	gaagatacac acgcttttac catggcaatg cacaaatg
26	TTGCTAGGAG TGGGCAGAAA CTACTTATTG GATATCAC	ttgctaggag tgggcagaaa ctacttattg gatatcac
27	AGTTCAGGAT TAAGTTTTGG GTAGAATGGA TTGCGTAT	agttcaggat taagttttgg gtagaatgga ttgcgat
28	CTGTTCTTGG AAACCTGGCA TAGGTTACAT TATGTCTG	ctgttcttgg aaacctggca taggttacat tatgtctg
29	AACTTGTTTT ACTGGTATGA GGGCTTGGAT CATGCATT	aacttgTTTT actggtatga gggcttggat catgcatt
30	TTGATTACAT CAAGGCTGAT GGACAAAATA TAGGATGC	ttgattacat caaggctgat ggacaaaata taggatgc
31	AGGAGCAGTG AGGCATCAGA CTATAAAGAT TTCTATAT	aggagcagtg aggcatacaga ctataaagat ttctatat
32	AACAAGCCTG AAATATCAAG GAATCAGATC CAGTTATT	aacaagcctg aaatatcaag gaatcagatc cagttatt
33	AGTTAAACCT TTGCCGCCAG TCAGTTGGAA ATATCTTA	agttaaacct ttgccgccag tcagttggaa atatctta
34	TGAAATTAAG CTGAAATGGA GCATACCTTT GTTTAGGC	tgaaattaag ctgaaatgga gcataccttt gtttaggc
35	TTTTGATTAT GAAATTGAGA TCAGAGAAGA TGATACTA	ttttgattat gaaattgaga tcagagaaga tgatacta
36	GTGACTGCTA CAGTTGAAAA TGAAACATAC ACCTTGAA	gtgactgcta cagttgaaaa tgaaacatac accttgaa
37	ATAGAGTTTT TAGTAGCAAT TATGCTTTGT AGTAAGAA	atagagtttt tagtagcaat tatgctttgt agtaagaa
38	AGATGACGGA ATTTGGGCAA AGAATCAAGT AGTGAGTG	agatgacgga atttgggcaa agaatacaagt agtgagt
39	GGTGAAGACC TATCGAAGAA AACTTTGCTA GTAGCTGG	ggtgaagacc tatcgaagaa aactttgcta gttagctgg
40	GTTTCATCTT AATATTAGTT ATATTTGTAA CCGGTCTG	gtttcatctt aatattagtt atatttgtaa ccggtctg
41	AAACACCTAC CCAAAAATGA TTCCAGAATT TTTCTGTG	aaacacctac ccaaaaatga ttccagaatt tttctgtg
42	TTTCCATATC AAGAGACATG GTATTGACTC AACAGTTT	tttccatatc aagagacatg gtattgactc aacagttt
43	TATGAGTCTC AATAAACTGA ATTTTTCTTG CGAATGTT	tatgagtctc aataaaactga atttttcttg cgaatgtt
102	TCAGCCCGGC CGGGCTCCGA GCGGAGAGGC TGCATGGA	tcagcccggc cgggctccga ggcgagaggc tgcattgga
103	CTGTGGGCGC TGCTGCTCTG CGCCGGCGGC GGGGGCGG	ctgtgggchg tgctgctctg cgccggcggc gggggcgg
104	GAAACTCAGC CACCTGTGAC AAATTTGAGT GTCTCTGT	gaaactcagc cacctgtgac aaatttgagt gtctctgt
105	TGGACATGGA ATCCACCCGA GGGAGCCAGC TCAAATTG	tggacatgga atccaccga gggagccagc tcaaattg
106	TTTGGCGACA AACAAGATAA GAAAATAGCT CCGGAAAC	tttggcgaca aacaagataa gaaaatagct ccggaaac
107	CTGAATGAGA GGATTTGTCT GCAAGTGGGG TCCCAGTG	ctgaatgaga ggatttgtct gcaagtgggg tcccagtg
108	CCTAGCATTT TGGTTGAAAA ATGCATCTCA CCCCCAGA	cctagcattt tggttgaaaa atgcattctca cccccaga
109	ACTGAGCTTC AATGCATTTG GCACAACCTG AGCTACAT	actgagcttc aatgcatttg gcacaacctg agctacat
110	AGGAATACCA GTCCCGACAC TAACTATACT CTCTACTA	aggaatacca gtcccgacac taactatact ctctacta
111	ATTCATCAAT GTGAAAACAT CTTTAGAGAA GGCCAATA	attcatcaat gtgaaaacat ctttagagaa ggccaata
112	ACCAAAGTGA AGGATTCCAG TTTTGAACAA CACAGTGT	accaaagtga aggattccag ttttgaacaa cacagtgt
113	GCAGGAAAAA TTAAACCATC CTTCAATATA GTGCCTTT	gcaggaaaaa ttaaacctc cttcaatata gtgccttt
114	CCTCCACATA TTAAAAACCT CTCCTTCCAC AATGATGA	cctccacata ttaaaaacct ctcttccac aatgatga
115	CCACAGAATT TTATTAGCAG ATGCCTATTT TATGAAGT	ccacagaatt ttattagcag atgcctattt tatgaagt
116	GAGACACATA ATGTTTTCTA CGTCCAAGAG GCTAAATG	gagacacata atgttttcta cgtccaagag gctaaatg
117	AATGTGGAGA ATACATCTTG TTTTATGGTC CCTGGTGT	aatgtggaga atacatcttg ttttatggtc cctgggtg
118	GTCAGAATAA GAGTCAAAAC AAATAAGTTA TGCTATGA	gtcagaataa gagtcaaaac aaataagtta tgctatga
119	TGGAGCCAAG AAATGAGTAT AGGTAAGAAG CGCAATTC	tggagccaag aaatgagtat aggtaagaag cgcaattc
120	CTCATTGTTC CAGTCATCGT CGCAGGTGCA ATCATAGT	ctcattgttc cagtcacgt cgaggtgca atcatagt
121	CTCAAGATTA TTATATTCCC TCCAATTCCCT GATCCTGG	ctcaagatta ttatattccc tccaattcct gatcctgg
122	GGAGACCAGA ATGATGATAC TCTGCACTGG AAGAAGTA	ggagaccaga atgatgatac tctgactgg aagaagta
123	AAGGAGGAAA CCGACTCTGT AGTGCTGATA GAAAACCT	aaggaggaaa ccgactctgt agtgctgata gaaaacct
124	AGATAAATTA TTTTACCTT CACTGTGACC TTGAGAAG	agataaatta tttttacctt cactgtgacc ttgagaag
125	TATCTGGGAA CTTATTAAAT GGAAACTGAA ACTACTGC	tatctgggaa cttattaaat ggaaactgaa actactgc

Input Set: I077817A.RAW

Line	Original Text	Corrected Data
126	ATAAGAGCCA CAGGTCTTTA TGTTGAGTCG CGCACCCGA	ataagagcca caggtcttta tgttgagtcg cgcaccga
127	TTGGAGAAGA GTGTGGAGTC ATTCTCATTG AATTATAA	ttggagaaga gtgtggagtc attctcattg aattataa
128	GGGACAAAGC AAAAAGTGAT GATAGTGGTG GAGTTAAT	gggacaaagc aaaaagtgat gatagtggtg gagttaat
129	TCCTGAGGGA TCTATACTTG CTTTGTGTTC TTTGTGTC	tcctgagggga tctatacttg ctttgtgttc tttgtgtc
130	AGGGGAAGTC ATTTGGGGTG CAAATGCTAA TGTCAAAC	aggggaagtc atttggggtg caaatgctaa tgtcaaac
131	AAAACAAAAT GGATAAAATC TGATATGTAT TGTTTGGG	aaaacaaaat ggataaaatc tgatatgtat tgtttggg
132	GCTATTAAAA CTCTTTTAAAC AGTCTGGGCT GGGTCCGG	gctattaaaa ctcttttaac agtctgggct ggggccgg
133	CAATTTGGGA GTCCGAGGCG GGCGGATCAC TCGAGGTC	caatttggga gtccgaggcg ggcggatcac tcgaggtc
134	CAAAATGGTG AAACCTCCTC TCTACTAAAA CTACAAAA	caaatgggtg aaacctcctc tctactaaaa ctacaaaa
135	TGCCTGTAAT CCCAGCTACT CGGGAAGCTG AGGCAGGT	tgccctgtaat cccagctact cgggaagctg aggcaggt
136	GGAGGTTGCA GTGAGCAGAG ATCACACCAC TGCACCTCT	ggaggttgca gtgagcagag atcacaccac tgcactct
137	TCTGTCTAAA AAACAAAACA AAACAAAACA AAACAAAA	tctgtctaaa aaacaaaaca aaacaaaaca aaacaaaa
138	CATCATTCCC TTCGACAGCA TTTTCTCTCG CTTTGAAA	catcattccc ttcgacagca ttttctctcg ctttgaaa
139	ATGATGACAA CTACAGAAAA ACCAGAGGCA GCTTCTTT	atgatgacaa ctacagaaaa accagaggca gcttcttt
140	TTAGGCTGTT AGGGGCAGTG GAGGTAGAAT GACTCCTT	ttaggctggt aggggcagtg gaggtagaat gactcctt
141	AAGTCTCTAA CAATGTATTT TCTTCACCTC TGCTACTC	aagtctctaa caatgtatTT tcttcacctc tgctactc
142	GGTTTGTGCT AGGCCCCCGG GTGTGAAGCA CAGACCCC	ggtttgtgct agggccccgg gtgtgaagca cagacccc
143	TGAGACTCCT CAGTTCCTGC CACTTTTTTTT TTTAATCT	tgagactcct cagtTCCTgc cactTTTTTT tttaatct
144	TTTAACTCCT CAATTCCAAC ACTGATTTCC CTTTTTGC	tttaactcct caattccaac actgatttcc ctttttgc
145	GTAGCCTTTT GACTTTTCATT GGAAATTAGG ATGTAAAT	gtagcctttt gactttcatt ggaaattagg atgtaaat
146	CAGAGGATAA TTAGCATCTC AGGTAAAGTG TGAGTAAT	cagaggataa ttagcatctc aggttaagtg tgagtaat
147	TGCATATTTT GTAACCTCCA TGTGAGGGTT TTCAGCAT	tgcatatTTt gtaacctcca tgtgagggtt ttcagcat
148	CAGAGATGAG GTGGTATCTT CACGTAGAAC ATTGGTAT	cagagatgag gtggTATctt cacgtagaac attggtat
149	TTGAACCTAT TTCTCTTTCT TTACAAGATG GGTCCAGG	ttgaacctat ttctctttct ttacaagatg ggtccagg
150	ATGATTAATT AAATAGCTTT TGTGTCTTAC ATTGGTAG	atgattaatt aaatagcttt tgtgtcttac attggtag
151	ATGCTTTTGG GGGGCATATA TTGGGTTCCTA TTCTCACC	atgcttttgg ggggcatata ttgggttcca ttctcacc
152	ATATCCCCTC TACTCTTACT TCCCCCAAAT TTAAAGAA	atatcccctc tactcttact tcccccaaat ttaaagaa
153	CCCCCACCCT ATTTCTCTCC TCACACACAG ACTCATAT	ccccaccctc atttctctcc tcacacacag actcatat
154	TTATTTCCAA GTTGTTCAAA CATTTACCAA TCATATTA	ttatTTccaa gttgttcaaa catttaccaa tcatatta
155	TCCTGCTCCT AGGGGAGGGG AGATAAGAAA CCCTCACT	tcctgctcct aggggagggg agataagaaa ccctcact
156	GGCAACCTGC TTCCATGGCC GTGTAGAAGC ATGGTGCC	ggcaacctgc ttccatggcc gtgtagaagc atggtgcc
157	GGTTCATGAC AATGGCAGAT GTAAAGTTAT TCTTGAAG	ggttcatgac aatggcagat gTAAagttat tcttgaag
158	CCGTAGTAGA TGTTCTACTT TGTTCTGCTG TTCTCTAG	ccgtagtaga tgTTctactt tgTTctgctg ttctctag
159	ATAGGAATGA GATTAATTCC TTTCCAGGTA TTTTATAA	ataggaatga gattaattcc tttccaggta ttttataa
160	CTCCCCCTAG CCATTTTTTAC TGTTATCCTA TTTAGATG	ctccccctag ccatttttTc tgTTatccta tttagatg
161	ATTCCCAACA AACATTGATG CTGACAGTCA TGCAGTCT	attcccaaca aacattgatg ctgacagtca tgcagtct
162	GTTCCCATCC TCTTCTTTTA GCAGTAAAT AGCTGAGG	gttcccatcc tcttctttta gcagtAAAT agctgagg
163	TATGGGAATA CCTGTGGTGG TTGTGATCCC TAGGTCTT	tatgggaata cctgtggTgg ttgtgatccc taggtctt
164	ATCAGTGGAT TTCCCATCCC CTGTGGGAAA TTAGTAGG	atcagtggat ttcccatccc ctgtgggaaa ttagtagg
165	GCCTATGTGG ATTTTTTCCT AACATACCTA AGCAAACC	gcctatgtgg atTTTTtctt aacataccta agcaaacc
166	ATTCTTTTCGT TCAGTTAAGT TTTTCCCTTC ATCTGGGC	attcttttctg tcagttaagt ttttcccttc atctgggc
167	TGTTAACATT TTTGGTAGTC TTCAACCAGG GATTGTTT	tgTTaacatt tttggtagtc ttcaaccagg gattgttt
168	GCTTGAGTAA AATAAATATT GTCTTTTGT ATGTCACC	gcttgagtaa aataaatttt gtctttttgt atgtcacc
352	AGAGGAATTA CCCCTGGATG	agaggaatta cccctggatg
360	TCAAGGAGCT GCTTTCTTCA	tcaaggagct gctttcttca
368	GATCCACTTC CCAAGAACAG A	gatccacttc ccaagaacag a
376	GATCCGGGCC CTTTTTTTTT TTT 23	gatccgggcc cttttttttt ttt 23
457	AATAAA 6	aataaa 6
465	AAAAAAAAAA AAAGGGCCCG 20	aaaaaaaaaa aaagggcccg 20

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/077,817A

DATE: 11/16/1999
TIME: 19:31:51

Input Set: I077817A.RAW

PREVIOUSLY ERRORED SEQUENCES-EDITED

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3  <212> PRT
4  <213> Homo sapiens
5  <400> 5
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8      Ile Leu Gln Ala Asp Leu Leu Pro Asp Glu Lys Ile Ser Leu Leu Pro
9          20          25          30
10     Pro Val Asn Phe Thr Ile Lys Val Thr Gly Leu Ala Gln Val Leu Leu
11          35          40          45
12     Gln Trp Lys Pro Asn Pro Asp Gln Glu Gln Arg Asn Val Asn Leu Glu
13          50          55          60
14     Tyr Gln Val Lys Ile Asn Ala Pro Lys Glu Asp Asp Tyr Glu Thr Arg
15          65          70          75          80
16     Ile Thr Glu Ser Lys Cys Val Thr Ile Leu His Lys Gly Phe Ser Ala
17          85          90          95
18     Ser Val Arg Thr Ile Leu Gln Asn Asp His Ser Leu Leu Ala Ser Ser
19          100         105         110
20     Trp Ala Ser Ala Glu Leu His Ala Pro Pro Gly Ser Pro Gly Thr Ser
21          115         120         125
22     Ile Val Asn Leu Thr Cys Thr Thr Asn Thr Thr Glu Asp Asn Tyr Ser
23          130         135         140
24     Arg Leu Arg Ser Tyr Gln Val Ser Leu His Cys Thr Trp Leu Val Gly
25          145         150         155         160
26     Thr Asp Ala Pro Glu Asp Thr Gln Tyr Phe Leu Tyr Tyr Arg Tyr Gly
27          165         170         175
28     Ser Trp Thr Glu Glu Cys Gln Glu Tyr Ser Lys Asp Thr Leu Gly Arg
29          180         185         190
30     Asn Ile Ala Cys Trp Phe Pro Arg Thr Phe Ile Leu Ser Lys Gly Arg
31          195         200         205
32     Asp Trp Leu Ser Val Leu Val Asn Gly Ser Ser Lys His Ser Ala Ile
33          210         215         220
34     Arg Pro Phe Asp Gln Leu Phe Ala Leu His Ala Ile Asp Gln Ile Asn
35          225         230         235         240
36     Pro Pro Leu Asn Val Thr Ala Glu Ile Glu Gly Thr Arg Leu Ser Ile
37          245         250         255
38     Gln Trp Glu Lys Pro Val Ser Ala Phe Pro Ile His Cys Phe Asp Tyr
39          260         265         270
40     Glu Val Lys Ile His Asn Thr Arg Asn Gly Tyr Leu Gln Ile Glu Lys
41          275         280         285
42     Leu Met Thr Asn Ala Phe Ile Ser Ile Ile Asp Asp Leu Ser Lys Tyr
43          290         295         300
44     Asp Val Gln Val Arg Ala Ala Val Ser Ser Met Cys Arg Glu Ala Gly
45          305         310         315         320
46     Leu Trp Ser Glu Trp Ser Gln Pro Ile Tyr Val Gly Asn Asp Glu His
47          325         330         335

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48 Lys Pro Leu Arg Glu Trp Phe Val Ile Val Ile Met Ala Thr Ile Cys
49 340 345 350
50 Phe Ile Leu Leu Ile Leu Ser Leu Ile Cys Lys Ile Cys His Leu Trp

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/077,817A

DATE: 11/16/1999

TIME: 19:31:51

Input Set: I077817A.RAW

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51          355          360          365
52      Ile Lys Leu Phe Pro Pro Ile Pro Ala Pro Lys Ser Asn Ile Lys Asp
53          370          375          380
54      Leu Phe Val Thr Thr Asn Tyr Glu Lys Ala Gly Ser Ser Glu Thr Glu
55          385          390          395          400
56      Ile Glu Val Ile Cys Tyr Ile Glu Lys Pro Gly Val Glu Thr Leu Glu
57          405          410          415
58      Asp Ser Val Phe

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60      <211> 424
61      <212> PRT
62      <213> Mus musculus
63      <400> 6
64      Met Ala Arg Pro Ala Leu Leu Gly Glu Leu Leu Val Leu Leu Leu
65          1          5          10          15
66      Thr Ala Thr Val Gly Gln Val Ala Ala Ala Thr Glu Val Gln Pro
67          20          25          30
68      Val Thr Asn Leu Ser Val Ser Val Glu Asn Leu Cys Thr Ile Ile
69          35          40          45
70      Thr Trp Ser Pro Pro Glu Gly Ala Ser Pro Asn Cys Thr Leu Arg
71          50          55          60
72      Phe Ser His Phe Asp Asp Gln Gln Asp Lys Lys Ile Ala Pro Glu
73          65          70          75          80
74      His Arg Lys Glu Glu Leu Pro Leu Asp Glu Lys Ile Cys Leu Gln
75          85          90          95
76      Gly Ser Gln Cys Ser Ala Asn Glu Ser Glu Lys Pro Ser Pro Leu
77          100          105          110
78      Lys Lys Cys Ile Ser Pro Pro Glu Gly Asp Arg Glu Ser Ala Val
79          115          120          125
80      Glu Leu Lys Cys Ile Trp His Asn Leu Ser Tyr Met Lys Cys Ser
81          130          135          140
82      Leu Pro Gly Arg Asn Thr Ser Pro Asp Thr His Tyr Thr Leu Tyr
83          145          150          155          160
84      Trp Tyr Ser Ser Leu Glu Lys Ser Arg Gln Cys Glu Asn Ile Tyr
85          165          170          175
86      Glu Gly Gln His Ile Ala Cys Ser Phe Lys Leu Thr Lys Val Glu
87          180          185          190
88      Ser Phe Glu His Gln Asn Val Gln Ile Met Val Lys Asp Asn Ala
89          195          200          205
90      Lys Ile Arg Pro Ser Cys Lys Ile Val Ser Leu Thr Ser Tyr Val
91          210          215          220
92      Pro Asp Pro Pro His Ile Lys His Leu Leu Leu Lys Asn Gly Ala
93          225          230          235          240
94      Leu Val Gln Trp Lys Asn Pro Gln Asn Phe Arg Ser Arg Cys Leu
95          245          250          255
96      Tyr Glu Val Glu Val Asn Asn Thr Gln Thr Asp Arg His Asn Ile
97          260          265          270
98      Glu Val Glu Glu Asp Lys Cys Gln Asn Ser Glu Ser Asp Arg Asn
99          275          280          285
100     Glu Gly Thr Ser Cys Phe Gln Leu Pro Gly Val Leu Ala Asp Ala

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/077,817A

DATE: 11/16/1999
TIME: 19:31:51

Input Set: I077817A.RAW

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102	Tyr	Thr	Val	Arg	Val	Arg	Val	Lys	Thr	Asn	Lys	Leu	Cys	Phe	Asp				
103																			
104	Asn	Lys	Leu	Trp	Ser	Asp	Trp	Ser	Glu	Ala	Gln	Ser	Ile	Gly	Lys				
105																			
106	Gln	Asn	Ser	Thr	Phe	Tyr	Thr	Thr	Met	Leu	Leu	Thr	Ile	Pro	Val				
107																			
108	Val	Ala	Val	Ala	Val	Ile	Ile	Leu	Leu	Phe	Tyr	Leu	Lys	Arg	Leu				
109																			
110	Ile	Ile	Ile	Phe	Pro	Pro	Ile	Pro	Asp	Pro	Gly	Lys	Ile	Phe	Lys				
111																			
112	Met	Phe	Gly	Asp	Gln	Asn	Asp	Asp	Thr	Leu	His	Trp	Lys	Lys	Tyr				
113																			
114	Ile	Tyr	Glu	Lys	Gln	Ser	Lys	Glu	Glu	Thr	Asp	Ser	Val	Val	Leu				
115																			
116	Glu	Asn	Leu	Lys	Lys	Ala	Ala												
117																			

118	<210>	15		
119	<211>	20		
120	<212>	DNA		
121	<213>	Artificial sequence		
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124	<400>	15		
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PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/077,817A

DATE: 11/16/1999
TIME: 19:30:27

Input Set: I077817A.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

1 <110> Caput, Daniel
2 Ferrara, Pascual
3 Laurent, Patrick
4 Vita, Natalio
5 <120> IL-13 RECEPTOR
6 <130> IVD924
7 <140> US/09/077,817A
8 <141> 1998-09-14
9 <150> PCT/FR96/01756
10 <151> 1996-11-07
11 <160> 15
12 <170> PatentIn Ver. 2.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES FOLLOW

13 <210> 5
E--> 14 <211> 420
15 <212> PRT
16 <213> Homo sapiens
17 <400> 5
18 Met Ile Ile Val Ala His Val Leu Leu Ile Leu Leu Gly Ala Thr Glu
E--> 19 1 5 10 15 *insert last*
E--> 20 ys Ile Ser Leu Leu Pro *← more over*
E--> 21 20 25 30 *return*
22 Pro Val Asn Phe Thr Ile Lys Val Thr Gly Leu Ala Gln Val Leu Leu
23 35 40 45
24 Gln Trp Lys Pro Asn Pro Asp Gln Glu Gln Arg Asn Val Asn Leu Glu
25 50 55 60
26 Tyr Gln Val Lys Ile Asn Ala Pro Lys Glu Asp Asp Tyr Glu Thr Arg
27 65 70 75 80
28 Ile Thr Glu Ser Lys Cys Val Thr Ile Leu His Lys Gly Phe Ser Ala
29 85 90 95
30 Ser Val Arg Thr Ile Leu Gln Asn Asp His Ser Leu Leu Ala Ser Ser
31 100 105 110
32 Trp Ala Ser Ala Glu Leu His Ala Pro Pro Gly Ser Pro Gly Thr Ser
33 115 120 125
34 Ile Val Asn Leu Thr Cys Thr Thr Asn Thr Thr Glu Asp Asn Tyr Ser
35 130 135 140
36 Arg Leu Arg Ser Tyr Gln Val Ser Leu His Cys Thr Trp Leu Val Gly
37 145 150 155 160
38 Thr Asp Ala Pro Glu Asp Thr Gln Tyr Phe Leu Tyr Tyr Arg Tyr Gly
39 165 170 175

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/077,817A

DATE: 11/16/1999
TIME: 19:30:27

Input Set: I077817A.RAW

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40      Ser Trp Thr Glu Glu Cys Gln Glu Tyr Ser Lys Asp Thr Leu Gly Arg
41                180                185                190
42      Asn Ile Ala Cys Trp Phe Pro Arg Thr Phe Ile Leu Ser Lys Gly Arg
43                195                200                205
44      Asp Trp Leu Ser Val Leu Val Asn Gly Ser Ser Lys His Ser Ala Ile
45                210                215                220
46      Arg Pro Phe Asp Gln Leu Phe Ala Leu His Ala Ile Asp Gln Ile Asn
47      225                230                235                240
48      Pro Pro Leu Asn Val Thr Ala Glu Ile Glu Gly Thr Arg Leu Ser Ile
49                245                250                255
50      Gln Trp Glu Lys Pro Val Ser Ala Phe Pro Ile His Cys Phe Asp Tyr
51                260                265                270
52      Glu Val Lys Ile His Asn Thr Arg Asn Gly Tyr Leu Gln Ile Glu Lys
53                275                280                285
54      Leu Met Thr Asn Ala Phe Ile Ser Ile Ile Asp Asp Leu Ser Lys Tyr
55                290                295                300
56      Asp Val Gln Val Arg Ala Ala Val Ser Ser Met Cys Arg Glu Ala Gly
57      305                310                315                320
58      Leu Trp Ser Glu Trp Ser Gln Pro Ile Tyr Val Gly Asn Asp Glu His
59                325                330                335
60      Lys Pro Leu Arg Glu Trp Phe Val Ile Val Ile Met Ala Thr Ile Cys
61                340                345                350
62      Phe Ile Leu Leu Ile Leu Ser Leu Ile Cys Lys Ile Cys His Leu Trp
63                355                360                365
64      Ile Lys Leu Phe Pro Pro Ile Pro Ala Pro Lys Ser Asn Ile Lys Asp
65                370                375                380
66      Leu Phe Val Thr Thr Asn Tyr Glu Lys Ala Gly Ser Ser Glu Thr Glu
67      385                390                395                400
68      Ile Glu Val Ile Cys Tyr Ile Glu Lys Pro Gly Val Glu Thr Leu Glu
69                405                410                415
70      Asp Ser Val Phe

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71      <210> 6
72      <211> 424
73      <212> PRT
74      <213> Mus musculus
75      <400> 6
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77      1                5                10                15
78      Thr Ala Thr Val Gly Gln Val Ala Ala Ala Thr Glu Val Gln Pro
79                20                25                30
80      Val Thr Asn Leu Ser Val Ser Val Glu Asn Leu Cys Thr Ile Ile
81                35                40                45
82      Thr Trp Ser Pro Pro Glu Gly Ala Ser Pro Asn Cys Thr Leu Arg
83      50                55                60
84      Phe Ser His Phe Asp Asp Gln Gln Asp Lys Lys Ile Ala Pro Glu
85      65                70                75                80
86      His Arg Lys Glu Glu Leu Pro Leu Asp Glu Lys Ile Cys Leu Gln
87                85                90                95
88      Gly Ser Gln Cys Ser Ala Asn Glu Ser Glu Lys Pro Ser Pro Leu

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/077,817A

 DATE: 11/16/1999
 TIME: 19:30:27

Input Set: I077817A.RAW

89		100		105		110	
90	Lys Lys Cys Ile Ser Pro Pro Glu Gly Asp Arg Glu Ser Ala Val						
91		115		120		125	
92	Glu Leu Lys Cys Ile Trp His Asn Leu Ser Tyr Met Lys Cys Ser						
93		130		135		140	
94	Leu Pro Gly Arg Asn Thr Ser Pro Asp Thr His Tyr Thr Leu Tyr						
95	145		150		155		160
96	Trp Tyr Ser Ser Leu Glu Lys Ser Arg Gln Cys Glu Asn Ile Tyr						
97		165		170		175	
98	Glu Gly Gln His Ile Ala Cys Ser Phe Lys Leu Thr Lys Val Glu						
99		180		185		190	
100	Ser Phe Glu His Gln Asn Val Gln Ile Met Val Lys Asp Asn Ala						
101		195		200		205	
102	Lys Ile Arg Pro Ser Cys Lys Ile Val Ser Leu Thr Ser Tyr Val						
103		210		215		220	
104	Pro Asp Pro Pro His Ile Lys His Leu Leu Leu Lys Asn Gly Ala						
105	225		230		235		240
106	Leu Val Gln Trp Lys Asn Pro Gln Asn Phe Arg Ser Arg Cys Leu						
107		245		250		255	
108	Tyr Glu Val Glu Val Asn Asn Thr Gln Thr Asp Arg His Asn Ile						
109		260		265		270	
110	Glu Val Glu Glu Asp Lys Cys Gln Asn Ser Glu Ser Asp Arg Asn						
111		275		280		285	
112	Glu Gly Thr Ser Cys Phe Gln Leu Pro Gly Val Leu Ala Asp Ala						
113		290		295		300	
114	Tyr Thr Val Arg Val Arg Val Lys Thr Asn Lys Leu Cys Phe Asp						
115	305		310		315		320
116	Asn Lys Leu Trp Ser Asp Trp Ser Glu Ala Gln Ser Ile Gly Lys						
117		325		330		335	
118	Gln Asn Ser Thr Phe Tyr Thr Thr Met Leu Leu Thr Ile Pro Val						
119		340		345		350	
120	Val Ala Val Ala Val Ile Ile Leu Leu Phe Tyr Leu Lys Arg Leu						
121		355		360		365	
122	Ile Ile Ile Phe Pro Pro Ile Pro Asp Pro Gly Lys Ile Phe Lys						
123		370		375		380	
124	Met Phe Gly Asp Gln Asn Asp Asp Thr Leu His Trp Lys Lys Tyr						
125	385		390		395		400
126	Ile Tyr Glu Lys Gln Ser Lys Glu Glu Thr Asp Ser Val Val Leu						
127		405		410		415	
128							
E--> 129		420	<i>same err</i>				

130	<210> 15
131	<211> 20
132	<212> DNA
133	<213> Artificial sequence
134	<220>
135	<223> primer
136	<400> 15
W--> 137	aaaaaaaaaa aaagggcccg

20

next page

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/077,817ADATE: 11/16/1999
TIME: 19:30:27

Input Set: I077817A.RAW

E--> 138
1391
11*Delete at end of file*

VERIFICATION SUMMARY
PATENT APPLICATION US/09/077,817ADATE: 11/16/1999
TIME: 19:30:27

Input Set: I077817A.RAW

Line	Error/Warning	Original Text
14	E Input 420, Calc Seq.Length 410 differ	<211> 420
19	E Invalid/Missing Amino Acid Numbering	1 5 10
20	E Wrong Amino Acid Designator	ys Ile Ser Leu Leu Pro
21	E Invalid/Missing Amino Acid Numbering	20 25
129	E Invalid/Missing Amino Acid Numbering	420
137	W Line data has been corrected	AAAAAAAAAA AAAGGGCCCG 20
138	E Number of Bases conflict w/ Running Total 1	

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CORRECTION SUMMARY
PATENT APPLICATION US/09/077,817A

DATE: 11/16/1999
TIME: 19:30:27

Input Set: I077817A.RAW

Line	Original Text		Corrected Data	
137	AAAAAAAAAA AAAGGGCCCG	20	aaaaaaaaaa aaagggcccg	20